CONTENTS

No. 1—January

PAGE

YAMAMOTO, S. and A. ISHIKURA. Delayed hypersensitivity reactions in guinea-pigs using cotton pellets; demonstration of macrophage migration inhibition activity in the cell free exudate (Plate I) 1

HWANG, W. S., E. P. C. TOCK, K. L. TAN and L. K. A. TAN. The pathology of cartilage in chondrodysplasias (Plates II–IX) 11

GHADIALLY, F. N., J-M. A. LALONDE and C. E. DICK. Ultrastructure of pigmented villonodular synovitis (Plates X–XVI) 19

DE ALMEIDA, O. P. and G. M. BÖHM. Vascular permeability in the rat gingiva: a model of vessel response in chronic inflammation (Plates XVII–XXII) . . 27

WEBB, J. N. The histogenesis of nerve sheath myxoma: report of a case with electron microscopy (Plates XXIII and XXIV). 35

LEWIS, G. P. and BEVERLEY A. MANGHAM. Blood flow and permeability changes in the immune lymphocyte transfer reaction 39

BUCHANAN, W. M. and A. H. B. FYFE. Giant pseudopolyposis in granulomatous colitis (Plate XXV) 51

No. 2—February

CHAMBERS, T. J. Phagocytosis and trypsin-resistant glass adhesion by osteoclasts in culture (Plates XXVI and XXVII) 55

DEPORTER, D. A. The possible role of the fibroblast in granuloma-induced bone resorption in the rat (Plates XXVIII–XXXI) 61

SCOTT, G. B. D. The comparative pathology of the primate colon (Plates XXXII–XXXIX) 65

WOOD, SHARON L. and J. V. HURLEY. The role of blood capillaries in the formation of inflammatory exudate (Plates XL–XLVI) 73

FRASER, B. A. and J. W. A. DUCKWORTH. Ultimobranchial body cysts in the human foetal thyroid: pathological implications (Plates XLVII and XLVIII) . . 89

ANDERSON, K. R., A. POPPLE, D. J. PARKER, R. SAYER, R. J. TRICKEY and M. J. DAVIES. An experimental assessment of macroscopic enzyme techniques for the autopsy demonstration of myocardial infarction (Plate XLIX) 93

Review Article

The relation of coronary thrombosis to ischaemic myocardial necrosis (Plates L and LI), DAVIES, M. J., W. F. M. FULTON and W. B. ROBERTSON . . . 99

PAGE

No. 3—March

HARTVEIT, F. Paranodal vascular spread in breast cancer with axillary node involvement 111

REST, JOAN R. and D. H. WRIGHT. Electron microscopy of cerebral malaria in golden hamsters (*Mesocricetus auratus*) infected with *Plasmodium berghei* (Plates LII–LVII) 115

LEE, J. S., J. HRDLICKA and A. A. SEAWRIGHT. The effect of size and timing of a pretreatment dose of phenobarbitone on the liver lesion caused by ngaione in the mouse (Plate LVIII) 121

KITTAS, C. and L. HENRY. Effect of gonadectomy and oestrogen administration on the response of lymph-node post-capillary venules to infection with *toxoplasma gondii* (Plates LIX and LX) 129

SEPULCHRE, CHRISTIANE, FRÉDÉRIQUE MOATI, MARCELLE MISKULIN, OLIVIER HUISMAN, ELEMER MOCZAR, ALEXANDRE-MICHEL ROBERT, R. MONTEIL and J. GUILBAUD. Biochemical and pharmacological properties of a neurotoxic protein isolated from the blood serum of heavily burned patients 137

MOATI, FRÉDÉRIQUE, CHRISTIANE SEPULCHRE, MARCELLE MISKULIN, OLIVIER HUISMAN, ELEMER MOCZAR, ALEXANDRE-MICHEL ROBERT, R. MONTEIL and J. GUILBAUD. Biochemical and pharmacological properties of a cardiotoxic factor isolated from the blood serum of burned patients 147

ERHARDT, W. D., K. S. ZÄNKER, W. TÖLLE, INGRID WRIEDT-LÜBBE, M. BIRK, G. BLÜMEL and J. PROBST. The mechanical, enzymatic and morphological changes in acute pulmonary insufficiency following the production of a haematoma in rabbits (Plate LXI) 157

No. 4—April

WALTON, MARK. Patella displacement and osteoarthrosis of the knee joint in mice (Plate LXII) 165

RIDLEY, MARIAN, J. L. TURK and P. BADENOCH-JONES. In-vitro modification of membrane receptors on cells of the mononuclear phagocyte system (Plate LXIII) 173

ETHERTON, J. E., D. M. CONNING and I. F. H. PURCHASE. Quantitative comparisons of the pulmonary toxicity of tobacco and NSM smoke (Plate LXIV) . . 185

BELL, JEANNE E. Fused suprarenal glands in association with central nervous system defects in the first half of foetal life (Plates LXV and LXVI) . . . 191

REVELL, P. A. and C. L. SCHOLTZ. Aggressive osteoblastoma (Plates LXVII–LXXI). 195

SAVAGE, ANN, and C. R. TRIBE. Experimental murine amyloidosis; experience with *Candida albicans* as an amyloidogenic agent and liver biopsy as a diagnostic tool (Plates LXXII and LXXIII) 199

EPSTEIN, WILLIAM L., KILMIE FUKUYAMA, KIICHIRO DANNO and ETTA KWAN-WONG. Granulomatous inflammation in normal and athymic mice infected with *Schistosoma mansoni*: an ultrastructural study (Plates LXXIV–LXXVII) . 207